

LOBSTER, CRAB, and FISH POT HAUL LOG

This log contains detailed questions about the setting and hauling of gear, and the haul's catch. Complete a new log after each hauling of gear. If you feel that you cannot go on deck for weather related safety reasons, record as much information on this log as possible (*i.e.* Header Information, weather, depths, times, positions, *etc.*).

If the gear is set, and only partially hauled, complete a Lobster, Crab, and Fish Pot Haul Log with the Species Information section completed as fully as possible, and "Haul Aborted" recorded following the last species record. An aborted haul should be recorded as observed, whenever it fits the definition of an observed haul (F).

Species caught that should not be recorded on this particular log include: pelagic species (*i.e.* swordfish, billfish, tuna, bonito, sharks, *etc.*), sturgeons, rays or tagged fish. Those species must be recorded on an Individual Animal Log. All marine mammals, sea turtles, and sea birds must be recorded on a Marine Mammal, Sea Turtle, and Sea Bird Incidental Take Log. See Appendix R. Species List and Corresponding Logs for a list of species and the log(s) on which to record them.

If there are insufficient lines on one form for all species caught in this haul, continue listing species on an additional Lobster, Crab, and Fish Pot Haul Log, making sure to complete all of the Header Information (A-C), GEAR CODE (D), GEAR NUMBER (1) and HAUL NUMBER (E).

If information is unavailable or unknown to any question except a "No/Yes" question, record a dash (-) in the field. If the answer to a "No/Yes" question is unknown, record a "9" on the line next to the code for "No" to indicate that a field was not skipped, but the answer is unknown. If a field relates to a question to which you previously answered "No", leave the field blank.

Become familiar with the following definitions.

DEFINITIONS

Set Begin: First component of lobster, crab, or fish

pot gear deployed, *i.e.* high flyer and/or anchor hits the water.

Set End: Trawl secured to anchoring device, *i.e.* trawl completely deployed.

Haul Begin: Hauling equipment put into gear.

Haul End: Lobster, crab, and fish pot gear completely retrieved and aboard vessel.

NOTE: Lobster, crab, and fish pots are usually set in trawls. A trawl consists of a mainline to which multiple pots are attached.

INSTRUCTIONS

For instructions on completing fields **A-W**, refer to the Common Haul Log Data section of the NEFSC Observer Program Manual.

1. GEAR NUMBER: Record the gear number used for this haul as uniquely identified on the appropriate Lobster, Crab, and Fish Pot Gear Characteristics Log.

2. GEAR CONDITION: Indicate the condition of the gear at haulback, even if this was the condition of the gear when set, by recording the most appropriate two digit code listed below, and in Appendix J. Gear Condition Codes:

- 000 = Unknown.
- 410 = No gear damage.
- 420 = Less than 25% of the pots have enough damage to allow the target species to be released. This damage includes loss of the escape panel.
- 430 = Between 25% and 50% of the pots have enough damage to allow the target species to be released.
- 440 = Greater than 50% of the pots have enough damage to allow the target species to be released.
- 450 = Less than 25% of the pots are unfishable.
- 460 = Between 25% and 50% of the pots are unfishable.
- 470 = Greater than 50% of the pots are

unfishable.
990 = Other, specify in COMMENTS.

SET/HAUL INFORMATION

Set Information for the next 3 fields (#'s 3, 4, 5): If set is witnessed, record Set BEGIN/ END DATES and BEGIN/ END TIMES but **not** SOAK DURATION. If set is not witnessed, fill in SOAK DURATION only.

3. BEGIN/END DATE: Record the month, day, and year, based on local time, that this set began and ended. If the setting of the gear is not witnessed do not complete this field, instead, complete SOAK DURATION (#5). Record the month, day, and year, based on local time, that this haul began and ended.

4. BEGIN/END TIME: Record the local time, using the 24 hour clock (0000-2359), that this set began and ended, *i.e.* when the first component of the lobster, crab, or fish pot gear is deployed, or the high flyer and/or anchor hits the water (Set Begin), and when the trawl is secured to the anchoring device, or completely deployed (Set End). **If the setting of the gear is not witnessed do not complete this field, instead, complete SOAK DURATION (#5) and record the estimated set times in COMMENTS.** Record the local time, using the 24 hour clock (0000-2359), that this haul began and ended, *i.e.* when the hauling equipment is put into gear (Haul Begin), and when the lobster, crab, or fish pot gear is completely retrieved and aboard the vessel (Haul End).

5. SOAK DURATION: Record, to the nearest tenth of an hour, the amount of time that the gear for this haul is in the water fishing. This is the amount of time from when the trawl is secured to an anchoring device, *i.e.* when the gear is completely deployed (Set End), until the hauling equipment is put into gear (Haul Begin). Obtain this time from the captain. **If the setting of the gear is witnessed do not complete this field, instead, complete SET BEGIN AND END DATES AND TIMES (#'s 3 and 4).**

NOTE: If estimated set times from the captain are used to calculate SOAK DURATION record them in COMMENTS.

6. HAUL END WATER TEMPERATURE:

Record, to the nearest tenth of a degree Fahrenheit, the surface water temperature when this haul ended.

NOTE: Use a "ScoopMaster" thermometer to obtain these temperatures.

NOTE: If these temperatures are obtained in Celsius, use Appendix Q. Conversion Tables to convert them to Fahrenheit.

NUMBER OF POTS

7. SET: Record the **total** number of pots that are/were used for this set. This number should agree with the number recorded in NUMBER OF POTS on the corresponding Lobster, Crab and Fish Pot Gear Characteristics Log(s).

8. HAULED: Record the **total** number of pots that are hauled back from this set.

9. LOST: Record the **total** number of pots that are lost from this set. If this number differs from NUMBER OF POTS SET (#7) minus NUMBER OF POTS HAULED (#8), then record the reason(s) in COMMENTS.

BAIT

10. POUNDS: Record, in whole pounds, the amount of bait used for this haul, for up to two major baits. This information may be obtained from the captain.

11. KIND: Indicate the kind of bait used for this haul, for up to two major baits, by recording the most appropriate two digit code listed below, and in Appendix O. Bait Codes:

00 = Unknown.
01 = Mackerel.
02 = Herring.
03 = Squid.
05 = Redfish.
08 = Skate.
09 = Clams.
99 = Other, record the bait kind in COMMENTS.

12. TYPE: Indicate the type of bait used for this haul, for up to two major baits, by recording the most appro-

priate one digit code listed below, and in Appendix O. sponding field name.

Bait Codes:

- 0 = Unknown.
- 1 = Whole.
- 2 = Cut.
- 3 = Live.
- 9 = Other, record the bait type in COMMENTS.

Example: Fish racks, frames or bellies are “Cut” (2), record cut type in COMMENTS.

13. CONDITION: Indicate the condition of the bait used for this haul, for up to two major baits, by recording the most appropriate one digit code listed below, and in Appendix O. Bait Codes:

- 0 = Unknown.
- 1 = Previously Frozen.
- 2 = Fresh.
- 3 = Salted.
- 6 = Frozen.
- 7 = Semi-frozen.
- 8 = Combination, record all bait conditions in COMMENTS.
- 9 = Other, record the bait condition in COMMENTS.

Example: Frozen and salted bait is “Combination” (8).

14. SET METHOD: Record the method that best describes the manner in which the gear for this haul was set by placing an “X” next to the appropriate code:

- 00 = Unknown.
- 01 = Temperature.
- 02 = Bottom Contours (*i.e.* depth).
- 03 = Compass/ Loran.
- 04 = Tide/ Current.
- 05 = Visual (*i.e.* echosounder, surface feeding).
- 98 = Mixed, (more than one code applies) record all set methods on line 14A.
- 99 = Other, record the set method(s) on line 14A.

COMMENTS

Record any additional information regarding this haul, *i.e.* unusual species caught, uncommon catches, tear-ups, reason to expect the gear was not fishing properly, *etc.* If more room is needed, use the back of this log, making sure to write “See Back” on the front